## DataSheet: MCA560GA

**Description:** MOUSE ANTI GUINEA PIG LYMPHOCYTES AND LANGERHANS CELLS

**Specificity:** LYMPHOCYTES

**Format:** Purified

**Product Type:** Monoclonal Antibody

**Clone:** MsGp2

**Isotype:** IgG1

**Quantity:** 0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

<table>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>Immunofluorescence</td>
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Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

### Target Species

Guinea Pig

### Product Form

Purified IgG - liquid

### Preparation

Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

### Preservative Stabilisers

0.09% Sodium Azide (NaN₃)

### Carrier Free

Yes

### Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

### Immunogen

Nylon wool adherent B cells

### Fusion Partners

Spleen cells from immunized BALB/c mice were fused with cells from the NS1 mouse myeloma cell
Specificity

Mouse anti Guinea Pig lymphocytes and Langerhans cells antibody, clone MsGp2 recognizes an antigen present on the majority of T and B lymphocytes and thymocytes, although the antigen is not expressed by germinal centre cells of the lymph node (Kraal et al. 1986).

Mouse anti Guinea Pig lymphocytes and Langerhans cells antibody, clone MsGp2 also reacts strongly with epidermal Langerhans cells, giving a superior profile than anti-MHC Class II antibodies on these cells (Healey et al. 1987).

Mouse anti Guinea Pig lymphocytes and Langerhans cells antibody, clone MsGp2 has the same distribution as Mouse anti Guinea Pig CD90 antibody, clone CT4 which detects an antigen reportedly involved in the organ non-specific trafficking of guinea pig lymphocytes (Kraal et al 1988). However, unlike clone CT4, clone MsGp2 does not functionally inhibit lymphocyte adherence to high endothelial venules in vitro (Healey et al. 1987).

References


Storage

Store at +4°C or at -20°C if preferred.

Guarantee

18 months from date of despatch

Health And Safety Information


Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgG (STAR77...) **HRP**
Rabbit Anti Mouse IgG (STAR12...) **RPE**
Rabbit Anti Mouse IgG (STAR8...) **DyLight®800**
Rabbit Anti Mouse IgG (STAR13...) **HRP**
Goat Anti Mouse IgG (STAR76...) **RPE**
Goat Anti Mouse IgG (STAR70...) **FITC**
Goat Anti Mouse IgG (Fc) (STAR120...) **FITC, HRP**
Rabbit Anti Mouse IgG (STAR9...) **FITC**
Goat Anti Mouse IgG (H/L) (STAR117...) **Alk. Phos., DyLight®488, DyLight®680, DyLight®800, FITC, HRP**

**Recommended Useful Reagents**

MOUSE ANTI GUINEA PIG T LYMPHOCYTES (MCA564GA)